

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	"5225096"	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:21
S2	2	((("3811902") or ("5225096"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/01 14:21
S3	1729	superabsorbent\$1 same (acrylic polyacrylate\$1 methacrylic polymethacrylate\$1)	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:22
S4	2303	superabsorbent\$1 same (acrylic polyacrylate\$1 methacrylic polymethacrylate\$1 polyacrylic adj acid \$1 polymethacrylic adj acid\$1)	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:23
S5	388	superabsorbent\$1 same (acrylic polyacrylate\$1 methacrylic polymethacrylate\$1) same hydrophilic	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:23
S6	2880	superabsorbent\$1 same hydrophilic	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:24
S7	20020	(peroxide active adj oxygen) same (crosslink\$3 link\$3)	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:25
S8	82	S7 and S6	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:25
S9	14	S7 and S5	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:25
S10	108	S7 and S4	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:25
S11	101	S7 and S3	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:25
S12	74391	active adj oxygen ozone atomic adj oxygen	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:26
S13	1150	NaO KClO HClO CaOCl\$	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:27
S14	16035	(sodium potassium hydrogen) adj hypochlorite	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:28
S15	20852	ammonium adj (persulfate\$1 persulphate\$1 peroxysulfate\$1 peroxysulphate\$1)	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:28
S16	311	macroaggregate\$1 macro adj aggregate \$1 macro adj aggregation macroaggregation	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:29
S17	53	(macroaggregate\$1 macro adj aggregate \$1 macro adj aggregation macroaggregation) same (water aqueous)	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:30
S18	1	S17 and S6	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:30
S19	1	S17 and S4	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:30

S20	1	S16 and S4	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:30
S21	4	S16 and S6	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:30
S22	2205385	heat thermal heating heated	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:31
S23	2646	S22 and S6	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:31
S24	2042	S22 and S4	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:31
S25	3629	S23 S24	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:32
S26	271911	(water aqueous) adj (soluble solubility)	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:33
S27	1625	S26 and S25	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:33
S28	107796	S12 S13 S14 S15	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:33
S29	193	S27 and S28	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:33
S30	658512	radiation irradiation irradiating	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:34
S31	891	S30 and (S6 S4)	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:34
S32	515	S31 and S26	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:35
S33	67	S32 and S10	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:35
S34	102	S27 and S10	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:35
S35	81	S27 and S8	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:36
S36	45	S32 and S8	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:36
S37	81	S35 S36	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:36
S38	25	S37 and S28	US-PGPUB; USPAT	OR	OFF	2008/10/01 14:37
S39	56	S37 not S38	US-PGPUB; USPAT	OR	OFF	2008/10/01 15:29
S40	23	high adj molecular same S4	US-PGPUB; USPAT	OR	OFF	2008/10/01 16:06
S41	21471	high adj molecular same (water adj soluble aqueous)	US-PGPUB; USPAT	OR	OFF	2008/10/01 16:06
S42	212212	(polymer\$1 copolymer\$1) same (acrylic polyacrylate\$1 methacrylic polymethacrylate\$1 polyacrylic adj acid \$1 polymethacrylic adj acid\$1)	US-PGPUB; USPAT	OR	OFF	2008/10/01 16:07
S43	8869	S41 and S42	US-PGPUB; USPAT	OR	OFF	2008/10/01 16:07
S44	1706	S43 and S28	US-PGPUB; USPAT	OR	OFF	2008/10/01 16:07

S45	718	S44 and S30	US-PGPUB; USPAT	OR	OFF	2008/10/01 16:08
S46	1585	S44 and S22	US-PGPUB; USPAT	OR	OFF	2008/10/01 16:08
S47	1611	S45 S46	US-PGPUB; USPAT	OR	OFF	2008/10/01 16:08
S48	27	S47 and S4	US-PGPUB; USPAT	OR	OFF	2008/10/01 16:08
S49	88704	S12 S13 S14	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:06
S50	622	S49 and S41 and S42	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:07
S51	87209	macroaggregate\$1 macro adj aggregate \$1 macro adj aggregation macroaggregation agglomerate\$1 agglomeration agglomerating	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:07
S52	125	S50 and S51	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:07
S53	6	S52 and S4	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:07
S54	1605	525/330.3,330.6,359.3,360.ccls.	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:10
S55	1	S54 and S52	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:10
S56	76	S54 and S49	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:11
S57	76	S56 and S54	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:12
S58	46	S56 and S42	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:12
S59	30	S56 not S58	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:19
S60	160	522/86.ccls.	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:21
S61	8	S60 and S49	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:21
S62	12	S60 and S41 and S42	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:24
S63	23	S54 and S41 and S42	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:29
S64	50	S4 and aqueous and alkali and halogen	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:34
S65	23	S64 and S51	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:35
S66	74	S4 and aqueous and S12	US-PGPUB; USPAT	OR	OFF	2008/10/01 17:39
S67	5	((("5629377") or ("7285599") or ("6565768") or ("7205369") or ("6174929")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/01 17:43
S68	1	("5629377").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/03/03 21:55

S69	2385	superabsorbent\$1 same (acrylic polyacrylate\$1 methacrylic polymethacrylate\$1 polyacrylic adj acid \$1 polymethacrylic adj acid\$1)	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:01
S70	403	superabsorbent\$1 same (acrylic polyacrylate\$1 methacrylic polymethacrylate\$1) same hydrophilic	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:02
S71	2968	superabsorbent\$1 same hydrophilic	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:02
S72	1195	NaClO KClO HClO CaOCl <sub>2</sub>	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:02
S73	16509	(sodium potassium hydrogen) adj hypochlorite	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:03
S74	21505	ammonium adj (persulfate\$1 persulfate\$1 peroxysulfate\$1 peroxysulfate\$1)	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:03
S75	317	macroaggregate\$1 macro adj aggregate \$1 macro adj aggregation macroaggregation	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:03
S76	2280855	heat thermal heating heated	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:03
S77	280964	(water aqueous) adj (soluble solubility)	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:03
S78	687021	radiation irradiation irradiating	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:03
S79	1617	525/330.3,330.6,359.3,360.ccls.	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:04
S80	872	522/150-154.ccls.	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:05
S81	254	524/845.ccls.	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:07
S82	38120	S72 S73 S74	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:08
S83	1201	S69 and S71	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:08
S84	461	S69 same S71	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:08
S85	28	S84 and S82	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:08
S86	65	S83 and S82	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:09
S87	65	S85 S86	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:09
S88	0	S87 and S81	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:09
S89	1	S87 and S80	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:09
S90	1	S87 and S79	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:09
S91	2	S89 S90	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:10

S92	35381	S77 same (acrylic polyacrylate\$1 methacrylic polymethacrylate\$1 polyacrylic adj acid\$1 polymethacrylic adj acid\$1)	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:13
S93	4460	S92 and S82	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:14
S94	4066	S93 and S76	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:14
S95	1485	S93 and S78	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:14
S96	1	S75 and S94	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:14
S97	1	S75 and S95	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:14
S98	17	S95 and S80	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:15
S99	7	S95 and S81	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:40
S100	21	S94 and S81	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:44
S101	17	S94 and S80	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:48
S102	0	S101 not S98	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:48
S103	23	S94 and S79	US-PGPUB; USPAT	OR	OFF	2009/03/03 22:49

6/19/2009 3:13:16 PM

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